

National Park Service

Nature & Science



Air Resources

ParkNet >> NatureNet >> Air >> Studies >> Passive Ozone

2001 Ozone Data from Passive Samplers

Weekly ozone data from the passive samplers are presented as the average hourly ozone concentration for the week. Units are ppbv.

week:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
Park / site	May02	May03	May04	May05	Jun01	Jun02	Jun03	Jun04	Jul01	Jul02	Jul03	Jul04	Aug01	Aug02	Aug03	Aug04	Aug05	Sep01	Avg	Max	Min
BADL1			44.7	41.4	27.8		44.4	45.2	50.8	46.9	53.8	49.1	53.0	55.5	42.4	51.2	50.2		46.9	55.5	27.8
BADL2		57.0	59.6	44.9	56.7	51.7	53.2	58.0	61.7	56.2	70.7	67.2	67.5	54.5	82.8	66.1	81.6		61.8	82.8	44.9
BLCA		48.5	48.7	53.8	49.9	49.0	50.7	39.5	49.1	46.2	50.2	49.9	55.9	54.2			50.0		49.7	55.9	39.5
BRCA		52.9	54.9	56.2	55.9	51.4	54.1		46.7	46.4	45.5	53.1	53.7	57.1			47.1	49.7	51.8	57.1	45.5
CARE1		42.6	42.6	46.9	40.1	41.2	43.0	33.7	44.7	32.9	36.4	41.4	40.6	46.7	40.8	35.7	36.9		40.4	46.9	32.9
CRLA					33.0	49.5	46.2	34.7	50.9	43.2	32.1	39.7	36.4	51.4	47.3	38.6	42.6		42.0	51.4	32.1
FLAG1		43.7	46.4	50.9	53.7	49.1	46.6	40.5	42.5	38.8	45.4	38.4	41.7	40.3	38.9	40.4	36.0		43.3	53.7	36.0
FLAG2		44.8	48.0		50.8	50.0	42.5	42.0	40.8	40.3	39.3	42.6	36.6	47.8	42.0	43.4	36.0		43.1	50.8	36.0
FLAG3		50.2	52.3	57.6	55.8	52.9	51.2	47.3	47.4	40.3	43.6	50.2	46.5	54.2	49.0	49.8	42.1		49.4	57.6	40.3
GRTE		47.1	37.6	41.3	39.9	41.8	39.5	36.6	36.4	42.1	44.1	42.8	45.8	42.6	41.1	42.7	43.3		41.5	47.1	36.4
ISRO					46.2	64.4	50.0	47.9	38.3	37.1	54.1	12.2	49.6	43.8	31.8	34.0	41.3		42.4	64.4	12.2
LABE		43.9	51.2	42.8	36.5	48.7	46.4	36.8	52.6	42.4	36.3	41.6	47.9	56.1	45.6		48.0		45.1	56.1	36.3
LAME1			59.3	66.1		48.0	58.6	53.5	55.2	60.6	56.8	42.8	61.1	63.2	61.9	55.8	45.5		56.3	66.1	42.8
LAME2			49.9	55.2		38.7	50.9	42.0	48.3	49.7	47.9	53.4	53.4	52.2	54.4	40.3	39.0		48.2	55.2	38.7
LAME3			53.0	54.9			53.5	45.8		50.7	44.0	46.2		51.2	54.1	41.6	34.8		48.2	54.9	34.8
NERI		29.3		34.3	36.3	39.2	41.2	31.6	34.4	12.1	32.4	23.1	29.4	35.6	37.0	31.0	22.6		31.3	41.2	12.1
OLYM1					19.4	21.8	18.7	18.7	15.8	15.4	10.6	14.9	10.6	16.1	15.0	12.1	14.6		15.7	21.8	10.6
OLYM2					25.3	22.8	21.7	28.2	25.4	21.6	13.5	21.7	21.2	42.0	26.4	23.8	22.2		24.3	42.0	13.5
OLYM3					33.3	26.2	27.7	28.8	25.7	22.9	14.9	23.8	24.5	41.1	29.0	25.4	25.0		26.8	41.1	14.9
ORPI		44.4	45.1		42.0	45.2	40.3	40.4	35.4	41.4	32.0	39.6	40.2	42.5	46.8	37.9	26.3		40.0	46.8	26.3
PORE	40.8	32.9	18.0		35.3	33.0	32.8	23.6		29.5	21.1	24.3	19.8	21.7	25.7	22.4	26.8		27.2	40.8	18.0
SEKI04					46.3	57.6	67.2	38.7	31.9	50.6	51.4	59.3					54.8		50.9	67.2	31.9
SEKI05					43.8	51.1	56.9	43.3	22.7	44.7	52.1	52.8		58.6	60.3	54.4	55.9		49.7	60.3	22.7
SEKI06					58.8	66.5	73.7	51.6	49.9	62.2	52.5	72.3	66.5	75.5	72.3	69.4	69.9		64.7	75.5	49.9
SEKI15					42.9	49.5	58.1	40.3	19.6	45.5	51.7	60.3		49.7	58.4	53.6	53.5		48.6	60.3	19.6
WICA		54.8	47.8	45.0	44.0		54.4	34.2	52.3	54.1	50.6	50.9	58.6	53.0	52.6	52.6	53.5		50.6	58.6	34.2
YOSE01		40.0	44.2	46.6	40.2	48.8	52.3	43.8	38.9	47.6	45.5	52.3	49.9	58.4	58.2	51.1	54.3		48.3	58.4	38.9
YOSE02		35.6	35.4	39.7	34.8	47.2	43.6	40.8	29.1	38.9	44.4	42.5	48.1	46.5	48.4	46.3	41.1		41.4	48.4	29.1
YOSE03					44.3	54.3	57.2	52.5	42.1	49.6	52.2	56.9	63.0	67.0	39.5	55.8	54.6		53.0	67.0	39.5
YOSE04					31.4	39.3	39.8	32.2	22.6	33.3	35.3	38.8	41.9	44.2	43.4	40.3	36.2		36.8	44.2	22.6
YOSE05					42.9	49.1	47.8	47.7	36.4	49.3	49.1	53.1	58.9	59.1	59.7	53.1	53.2		50.7	59.7	36.4
YOSE06		59.7	56.9	62.5	52.0	67.7	65.9	59.7	60.1	63.5	60.7	67.1	71.8	71.8	72.7	66.9	66.7		64.1	72.7	52.0
YOSE07		33.0	36.2	42.4	37.0	46.2	45.7	39.8	26.4	42.7	45.6	43.6	49.6	51.5	45.0	40.3	39.1		41.5	51.5	26.4
YOSE08		33.1	35.7	40.6	34.8	43.8	43.1	36.8	22.6		40.9	40.9	47.2	46.2	40.8		35.5		38.7	47.2	22.6
YOSE09		37.1	36.1	40.8	36.6	47.4	45.2	38.6	25.7	42.3	42.3	44.2	48.9	45.8	39.2	33.9	34.9		39.9	48.9	25.7
YOSE10		49.0	51.6	56.6	47.3	59.8	61.6	54.1	49.7	56.7	54.9	63.3	60.9	69.9	69.2	51.7	61.0		57.3	69.9	47.3
YOSE11					44.8	54.7	56.2	53.8	44.0	51.8	54.5	58.2	64.0	67.8	65.3	57.2	58.2		56.2	67.8	44.0
YOSE12		37.1	37.5	42.6	37.9	46.6	46.1	39.7	26.7	41.9	45.0	43.8	50.4	50.3	44.6	39.2	37.0		41.6	50.4	26.7
YOSE13					48.1	47.9	54.0	47.0	34.4	49.7	50.5	57.7	60.4	54.8		49.2	56.5		50.8	60.4	34.4

ZION1		50.6	49.0	58.5	61.0	46.1	50.9	59.9	31.3	43.7	45.0	57.7	43.2	56.6	53.7	46.0	35.9		49.3	61.0	31.3
ZION2		84.3	46.3	50.1	57.2	32.2	44.1	34.5	24.5	47.3	31.7	24.0							43.3	84.3	24.0
ZION3		57.5	54.1	57.4	60.8	56.0	58.8	51.8	51.7	57.5	56.9		58.1	63.0	60.5	53.1	50.2		56.5	63.0	50.2

Link for the Excel data [file](#)

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Park codes are the first two letters from the first two words of a park name, ex. Wind Cave = WICA. See previous pages for park names and locations.